

## Current Connecticut Geological Survey Projects

(March 2012)

### ENERGY

- CT/MA Deep Geothermal - Geologic Research and Data Development as contributors to the National Geothermal Data Initiative [www.stategeothermaldata.org](http://www.stategeothermaldata.org)  
Funded by DOE through the American Association of State Geologists  
(coop with Mass Geological Survey/UMass)

### HAZARDS

- Geophysical Research related to soil stability during shake events. Shear wave velocity data survey of Hartford county surficial geology (coop with UConn).

### EDUCATIONAL OUTREACH

- Earthcaching- online field site geologic descriptions for teachers, individuals, and families
- Geology of State Parks- online geologic summaries and trail guides in CT State Parks
- Garnet Trail- New initiative to highlight interesting occurrences of Garnet (our State Mineral) on State Land and other Open Space (coop project with UConn)

### NEW MAPS

- New Bedrock Geologic Map of the Hartford South Quadrangle in cooperation with ECSU.  
-Will be used in planning subsurface drilling for the MDC Clean Water Project, separating storm drainage from wastewater.
- Parks and Forests Trail Mapping – GPS mapping services

### DIGITAL DATA CONVERSION

- Bedrock Wells Database Development (coop with UConn) - NSF Geoinformatics proposal
- [Downloadable Geologic Maps and Statewide Geologic Inventories](#)

### COLLECTIONS ARCHIVE

- Maintain collections repository of geologic samples, publications, thesis reports, and maps. Geological Survey Library is the archive of geologic knowledge, both published and unpublished, of Survey work since before its inception by the legislature in 1903.